

FACSIMILE COVER SHEET

FAX RECEIVED

Date:

To:

April 13, 2001

ADR 1 3 2001

Fax Telephone #: 703-308-6916

U.S. Patent and Trademark Office PETITIONS OFFICE Telephone #:

From:

David W. Heid

Subject:

Abandoned Application

Serial No.

09/008,525

Client/File: AB-778 US

Date Sent: Time Sent:

Fax Operator:

This transmittal consists of 23 page(s), including this cover sheet.

FAX RECEIVED

Message:

APR 1 3 2001

Dear Ms

PETITIONS OFFICE

Please let us know the status of application 09/008,525 and let us know of any actions we need to take to continue prosecution.

As we discussed, we received a Notice of Abandonment dated March 26, 1999. Subsequently, a Request for Withdrawal of Holding of Abandonment was filed on April 22, 1999. We then filed a Request for Status of Application on September 20, 1999 and an Information Disclosure Statement on March 21, 2000. These documents are enclosed. For your reference, we are also submitting a Response to a Notice to File Missing Parts that was filed on June 29, 1998. We are also enclosing an Associate Power of Attorney showing Mr. Heid's authority to make this inquiry.

Thank you for your attention to this matter.

Secretary to David W. Heid (Reg. No. 25

If you do not receive all pages, please call (408) 453-9200

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS INTENDED ONLY FOR THE PERSONAL AND CONFIDENTIAL USE OF THE DESIGNATED RECIPIENT'S) NAMED ABOVE. THIS MESSAGE MAY BE AN ATTORNEY-CLIENT COMMUNICATION, AND AS SUCH IS PRIVILEGED AND CONFIDENTIAL. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT OR AN AGENT RESPONSIBLE FOR DELIVERING IT TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT YOU HAVE RECEIVED THIS DOCUMENT IN ERROR AND THAT ANY REVIEW, DISSEMINATION, DISTRIBUTION OR COPYING OF THIS MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US BY MAIL THANK YOU.





T-815 P.002

S DEPARTMENT OF COMMERCE

SKS .

		Washington	мен о <u>с галема дур пварама</u> 1. D.C. 20231
FILING/RECEIP	TPATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO JTTLE

09/008,525

Customer Service Center

Initial Patent Examination Division (703) 308-1202

APPLICATION NUMBER

01/16/98

FAX RECEIVEDY

1834-1

0212/0326

FARK

APR 1 3 2001

SAMSUNG ELECTRONICS CO. 1200 NEW HAMPSHIRE AVENUE N W SUITE 550 WASHINGTON DC 20036

PETITIONS OFFICE NOT ASSIGNED

οφφο DATE MAILED:

03/26/99

NOTICE OF ABANDONMENT UNDER 37 CFR 1.53(f) or (g)

(Filing Da	le Granted)	
The above-identified application is abandoned for failure to timely mailed on Aer 115,458	•	lissing Parts (Notice)
No reply was received.		
The reply received on was untime The reply received on was improp	ely. per. The reply did not include:	
 1. The surcharge under 37 CFR 1.16(e) required for filing the filing date of a nonprovisional application. 2. The surcharge under 37 CFR 1.16(i) required for filing 	ing the basic filing fee or oath or declar	•
date of a provisional application.	•	
 3. The full amount of the basic filing fee under 37 CFR (Note: A nonprovisional application may not be reliet processing and retention fee set forth in 37 CFR 1.2 A provisional application may not be relied on for befiling fee is paid). 4. The oath or declaration of all the inventors required to the second seco	d on for benefits under 35 U.S.C. 120 a 1(I) is paid within the one year period s nefits under 35 U.S.C. 119(e) and 37 C	et forth in 37 CFR 1.53(f). CFR 1.78 unless the basic
The letter of Express Abandonment filed on_ for failure to timely or properly reply to the Notice as indicated	is acknowledged; however, the dabove.	application is abandoned
A petition to the Commissioner under 37 CFR 1.137 may be filed	requesting that the application be reviv	red.
Under 37 CFR 1.137(a), a petition requesting the application be no promptly after the applicant becomes aware of the abandonment the entire delay was unintentional; (2) the required reply to the ab 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37 CFR 1.17(m);	and such petition must be accompanie ove-identified Notice; (3) the petition fe	d by: (1) a statement that
Under 37 CFR 1.137(b), a petition requesting the application be repromptly after applicant becomes aware of the abandonment and entire delay was unintentional; (2) the required reply to the above 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37 CFR 1.17(m).	I such petition must be accompanied by identified Notice; (3) the petition fee se	y: (1) a statement that the
Any questions concerning petitions to revive should be directed to	o "Office of Petitions" at (703) 305-9282	<u>2</u> .
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	— ·	117211

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

Applicants:

Park, Young-woo; Noh, Jun-yong; Koo, Bon-young;

Kang, Chang-jin, Jung, Chul; Nam, Scok-woo

Assignee. Title:

Samsung Electronics Co., Ltd.

Semiconductor Memory Device And Method Of Manufacturng

For Preventing Bit Line Oxidation

Scrial No.:

09/008,525 January 16,1998

Filed: Atty Docket No.:

AB-778 US

ENCLOSED:

- This Return Receipt Postcard;
- Request For Withdrawal Of Holding Of Abandonment (2 pages):
- Transmittal Letter (in duplicate);
- Copy of Notice of Abandonment, and
- Copy of Response to Missing Parts (7 pages plus copy of return postcard).

April 22, 1999 511260 vi

FAX RECEIVED

APR 1.3 2001

PETITIONS OFFICE

ASSISTANT COMMISSIONER-FOR PATENTS WASHINGTON, D.C. 20231

Aphilicants:

Park, Young-woo; Noh, Jun-yong; Koo, Bon-ye Kang, Chang-jin; Jung, Chul; Nam, Scok-weo

Assignce:

Samsung Electronics Co., Ltd.

Ti-le:

Semiconductor Memory Device

For Preventing Bit L

Sarial No.:

09/008,525

Filed:

January 16,1998

.tty Docket No.:

AB-778 US ·

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- This Return Receipt Postcard;
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- Transmittal Letter (in duplicate):
- Copy of Notice of Abandonment; and
- Copy of Response to Missing Parts (7 pages plus copy of return postcard).

DTM/ct

April 22,1999

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A. MORRILL, MacPHERSON, FRANK J& FRIEL LLP

4084537979

·ULU UI

OTHER OFFICES AUSTIN, TEXAS NEWPORT BEACH, CALIFORNIA BAN FRANCISCO, CALIFORNIA

25 METRO DRIVE, SUITE 700 San Jose, California 95110 (408) 453-9200

FACSIMILE: (408) 453.79

April 22, 1999

ASSISTANT COMMISSIONER FOR PATENTS Washington, D.C. 20231

Re:

Applicants:

Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin;

Jung, Chul; Nam, Seok-woo

Assignee:

Samsung Electronics Co., Ltd.

Title:

Semiconductor Memory Device And Method Of Manufacturing For

Preventing Bit Line Oxidation

Serial No.:

09/008,525

Filed: January 16,1998

FAX RECEIVED

Examiner:

Not Assigned

Group Art Unit: 0000

Docket No.:

AB-778 US

APR 1 3 2001

Dear Sir:

PETITIONS OFFICE

Transmitted herewith are the following documents in the above-identified application:

- (1)Request for Withdrawal Of Holding Of Abandonment (2 pages);
- (2)Return Postcard:
- (3)this transmittal sheet (in duplicate);
- (4) Copy of Notice of Abandonment (1 page); and
- (5) Copy of Reponse to Missing Parts (7 pages plus copy of return postcard).
- X No additional fee is required.
- Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.
- Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 19-2386.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, Washington, D.C. 20231, on April 22, 1999.

Respectfully submitted,

David T. Millers

Attorney for Applicant(s)

Reg. No. 37,396

Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin; Jung

tung Electronics Co., Lld. Chil; Nam, Seok-woo

conductor Memory Device And Method Of Manufactumg For Prevent ine Oxidation

nry 16,1998 778 US

vage); and

Application (1 page).

From-SKJERVEN MORRIL MACPHERSON

FAX RECEIVED APR 1 3 2001 PETITIONS OFFICE

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

Applicants:

Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin; Jung

Chul; Nam, Seok-woo

Assignee:

Samsung Electronics Co., Ltd.

Title:

Semiconductor Memory Device And Method Of Manufacturing For Prevent

Bit Line Oxidation

Scrial No.:

09/008,525

Filed:

January 16,1998

Atty Docket No .:

AB-778 US

ENCLOSED:

This Return Receipt Postcard;

Transmittal Letter (1 page); and

Request For Status Of Application (1 page).

DTM/ct

September 20,1999

555153 VI

3 0 1999



Applicants:

OTHER OFFICES AUSTIN TEXAS NEWPORT BEACH, CALIFORNIA SAN FRANCISCO, CALIFORNIA

., MORRILL, MacPHERSON, FRA

FACSIMILE: (408) 453-79

25 METRO DRIVE, SUITE 700 San Jose, California 95110 (408) 453-9200

September 20, 1999

ASSISTANT COMMISSIONER FOR PATENTS Washington, D.C. 20231

Re:

Applicants:

Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin;

Jung, Chul; Nam, Seok-woo

Assignee:

Samsung Electronics Co., Ltd.

Tide:

Semiconductor Memory Device And Method Of Manufacturng For

Preventing Bit Line Oxidation

Serial No.:

09/008,525

Filed: January 16,1998

Examiner: Docket No.:

Not Assigned **AB-778 US**

Group Art Unit: 2811

FAX RECEIVED

Dear Sir:

APR 1 3 2001

Transmitted herewith are the following documents in the above-identified application:

Return Receipt Postcard; (1)

- This Transmittal Letter (1 page); and, (2)
- Request For Status Of Application. (3)
- 冈 No additional fee is required.
- Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an crivelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, Washington, D.C. 20231, on September 20, 1999.

Attorney for Applicants

Date of Signature

Respectfully submitted,

id Millera

David T. Millers

Attorney for Applicants

Reg. No. 37,396

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin;

Jung, Chul; Nam, Seok-woo

Assignec:

Samsung Electronics Co., Ltd.

Title:

SEMICONDUCTOR MEMORY DEVICE AND METHOD OF

MANUFACTURING FOR PREVENTING BIT LINE OXIDATION

Serial No.:

09/008,525

Filed:

January 16,1998

Examiner:

Not Assigned

Group Art Unit:

2811

Docket No.:

AB-778 US

FAX RECEIVED

San Jose, California September 20, 1999

ASSISTANT COMMISSIONER FOR PATENTS Washington, D. C. 20231

APR 1 3 2001

PETITIONS OFFICE

REQUEST FOR STATUS OF APPLICATION

Sir:

Applicants request a report on the status of the "Request for Withdrawal of the Notice of Abandonment" filed April 22, 1999 in the above-identified patent application and a further report on the status of the application. If a telephone call would expedite this request, please call Attorney for Applicants shown below at (408) 453-9200.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, Washington, D.C. 20231, on September 20, 1999.

Attorney for Applicants

Date of Signature

Respectfully submitted,

avid Millers

David T. Millers

Attorney for Applicants

Reg. No. 37,396

LAW OFFICES OF SICERADY, MORRILL, MARKERSON, FRANKLIN & FRIEL LLY

25 METRO DRIVE SUITE 100 SAN 103E CA 931 | 0 (408) 453-9580 FAX (408) 433-7575

554541 v1

SER. NO. 09/008,525

- I -



ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

Applicants:

Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin;

Jung, Chul; Nam, Scok-woo

Assignce: Title:

Samsung Electronics Co., Ltd.

Semiconductor Memory Device And Method Of Manufactumg For

Preventing Bit Line Oxidation 09/008,525

Serial No.: Filed:

01/16/98

Alty Docket No.: AB-778 US

ENCLOSED:

This Return Receipt Postcard;

2. Information Disclosure Statement With Certification Under § 1.97(c)(1);

PTO Form 1449 - lising 6 cited references (1 page); and,

Copies of European Search Report and 6 References.

DTM/ct

March 21, 2000 ·

613292 v1

FAX RECEIVED

APR 1 3 2001

PETITIONS OFFICE

شديخن

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

Applicants:

Park, Young-woo; Noh, Jun-yong; Koo. Bon-young; Kang, Chang-jin:

Jung, Chul; Nam, Seok-woo

- Assignee: Title:

Samsung Electronics Co., Ltd.

Semiconductor Memory Device And Method Of Manufacturing For

Preventing Bit Line Oxidation

Serial No.:

09/008,525

01/16/98

Filed: Atty Docket No.:

AB-778 US

APR 0 3 2000

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BY DOCKET DEPT.

ENCLOSED:

1.

Information Disclosure Statement With Certification Under § 1. SKIFRYEN, MORRILL, MACPHERSON, PTO Form 1449 – lising 6 cited references (1 page); and 2.

Copies of European Search Report and 6 References.

DTM/ct

March 21, 2000

613292 v1



FAX RECEIVED

APR 1 3 2001

PTO RECEIPT FOR INDICATED ITEMS

PETITIONS OFFICE

Appln. No: <u>9</u> 9 /, 008.525
Inventor(s)PARK, Young-woo ,et al. Atty WLG
Title: Method for Manufacturing Semiconductor Ref. No. 1834-1
Memory Devices For Preventing Bit-Line Oxidation The following is/are enclosed:
Amondantal
No. of Pages Abstract JUN 2 5 1998
No. of Pages Spec and Claims
No. of numbered Claims only
No. Sheets per set Drawings;
1 Declaration 11 set Informal
Assignment
No. of Priority Documents
[] IDS including PTO-1449 [] cited docs.
Issue Fee Transmittal Form PTOL-85(b)
\$ 280 Fee Charge To Deposit Account # 19-0124
Other Notice to File Missing Parts of Application
rates of Application
CURRENT DUE DATE: 6/15/98



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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO JTITLE
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09/008.\$25

Customer Service Center

01/16/99

PARK

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SAMSUNG ELECTRONICS CO 1200 NEW HAMPSHIRE AVENUE N W SUITE S50

WASHINGTON DC 20036

APR 1 3 2001

PETITIONS OFFICE 2811

04715798

NOTICE TO FILE MISSING PARTS OF APPLICATION Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applican is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filling a petition accompanied by the extension fee under the provisions of 37 CFF 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE

to avoid abandonment.	
If all required items on this form are filed wit ☐ small entity (statement filed) ☑ non-small	hin the period set above, the total amount owed by applicant as a entity is \$
1. The statutory basic filing fee is: missing. insufficient. Applicant must submit \$	to complete the basic filing fee and/or file a small entity statement claiming
such status (37 CFR 1.27).	
2. Additional claim fees of \$, including any multiple dependent claim fees, are required.
\$for	_ independent claims over 3.
\$for	_ dependent claims over 20.
\$for multiple depende Applicant must either submit the additio	nt claim surcharge. nal claim fees or cancel additional claims for which fees are due.
 □ 3. The oath or declaration: □ is missing or unexecuted. □ does not cover the newly submitted if □ does not identify the application to will does not include the city and state or An oath or declaration in compliance with the above Application Number and Filing 	hich it applies. foreign country of applicant's residence, foreign country of applicant's residence, foreign 27 CFR 1. 63, including residence information and identifying the application by
 The signature(s) to the oath or declaration 1:43 or 1.47. 	in is/are by a person other than inventor or person qualified under 37 CFR 1.42,
/ A properly signed oath or declaration in a Application Number and Filing Date, is re	compliance with 37 CFA 1.63, identifying the application by the above equired.
$ ot\!$	or(s) is missing from the oath or declaration:
An oath or declaration in compliance with inventor(s), identifying this application by	n 37 CFR 1.63 listing the names of all inventors and signed by the omitted the above Application Number and Filing Date, is required.
6. A \$50.00 processing fee is required since	your check was returned without payment (37 CFR 1,21(m)).
	ause your check was returned without payment.
 8. The application does not comply with the See attached "Notice to Comply with Sequ 	
☐ 9. OTHER:	1611.6 NUISS 57 OFN 1.621-1.625.
Direct the reply and any questions about this no	etice to "Attention: Box Missing Parts."
	notice MUST be returned with the reply.

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1 7	otice To File Missing Parts e Granted (PTO-1533)(Lar		111	ket No. 34-1
In Re Application Of. P.	ARK, Young-woo, et al.			
Serial No. 9008525	Filing Date 1/16/98	Examiner Not Assigned	Gr	oup Art Unit
Invention: Method For	Manufacturing Semiconductor N	Memory Device For Prevent	ting Bit Line Oxidat	ion
	TO THE ASSISTANT COM Box Mi	MMISSIONER FOR PATEI	FAXE	RECEIVED 1 3 2001
□ Completion of appl	ication fees as calculated below	r.	- дүк	וטטא כ ן
☐ Utility applicat	ion filing fee		PETITI	ONS OFFICE
☐ Design applic	ation filing fee			
☐ Total number	of independent claims =			
☐ Total number	of clairns =			
☐ Multiple deper	ndent claims			
⊠ Surcharge for	late payment of filing fee and/o	r late filing of original decla	aration or oath	\$130.00
☐ Petition and fe	ee for filing by other than all the	inventors or a person not t	the invention	
☐ Fee for proces	ssing an application filed with a	non-English language spe	cification	
☐ Fee for proce	ssing and retention of application	on		
		Total completion of	of application fees	\$130.00
above-identified Notice to	r the provisions of 37 CFR File Missing Parts of Applicati time extension is required, plea	on. The requested exten	ision is as follows (
⊠ One π	nonth	☐ Three months ☐	Four months	

	D	ate		Date	
from:	June 1	5, 1998	until:	June 29, 1998	
	☑ One month	☐ Two months	☐ Three months	☐ Four months	

Total time extension fees

\$110.00

Total fees due

\$240.00

Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Large Entity)

Docket No. 1834-1

In Re Application Of: PARK, Young-woo, et al.

Serial No. 9008525

Filing Date 1/16/98

Examiner

Group Art Unit

Not Assigned

281]

Invention: Method For Manufacturing Semiconductor Memory Device For Preventing Bit Line Oxidation

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

The fee of

\$240

is to be paid as follows:

- A check in the amount of the fee is enclosed.
- The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 19-0124

A duplicate copy of this sheet is enclosed.

If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 19-0124 A duplicate copy of this sheet is enclosed.

Dated: June 29, 1998

William L. Geary, Jr. Reg. No. 35,879 Samsung Electronics 1200 New Hamshire Avenue, N.W. Suite 550 Washington, DC 20036

(202) 887-5666

CC:

I certify that this document and fee is being deposited with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Malling Correspondence

Typed or Printed Name of Person Mailing Correspondence

COMMISSIONER OF PATENTS & TRADEMARKS WASHINGTON, D.C. 20231

Applicants:

Young-woo Park; Jun-yong Noh; Bon-young Koo; Chang-jin Kang;

Chul Jung; Scok-woo Nam

Assignce:

Samsung Electronics Co., Ltd.

Title:

Semiconductor Memory Device And Method Of Manufacturng For

Preventing Bit Line Oxidation

Serial No.: Filed:

09/008,525 January 16, 1998

Atty Docket No .:

AB-778 US

ENCLOSED:

Renum Receipt Postcard; i.

Associate Power of Attorney (2 pages); and

Change of Attorney Docket Number (I page).

FAX RECEIVED

APR 1 3 2001

PETITIONS OFFICE

DTM:lo January 26, 1999

487722 vl

COMMISSIONER OF PATENTS & TRADEMARKS WASHINGTON, D.C. 20231

Applicants:

Young-woo Park; Jun-yong Noh; Bon-young Koo; Chang-jin Kang;

Chul Jung; Scok-woo Nam

Assignee:

Samsung Electronics Co., Ltd.

Title:

Sciniconductor Memory Device And Method Of Manufacturing For

Preventing Bit Line Oxidation

Serial No .:

09/008,525

Filed:

January 16, 1998

Atty Docket No.:

AB-778 US

ENCLOSED:

Return Receipt Postcard; 1.

Associate Power of Attorney (2 pages); and

Change of Attorney Docket Number (1 page).

DTM:lo

January 26, 1999

487722 v1

